

COMPONENT ARRANGEMENT FOR SNOWMOBILE

Abstract of the Disclosure

A snowmobile including a frame assembly and a drive assembly coupled to the frame assembly. The drive assembly including a drive belt adapted to contact a ground surface to propel the snowmobile over the ground surface. An engine is supported by the frame assembly and includes an engine body. The engine body includes a crankcase, a crankshaft rotatably journaled within the crankcase for rotation about a crankshaft axis, and a cylinder block assembly extending in an upward direction from the crankcase. The cylinder block assembly defines at least one cylinder bore adapted to support a piston for a reciprocal motion along a bore axis. A balancer shaft is rotatably coupled to the crankshaft and supported by the engine body for rotation about a balancer shaft axis. The cylinder assembly is canted such that the bore axis is inclined to rearwardly from a vertical axis and the balancer shaft axis is disposed above the crankshaft axis. At least a portion of the balancer shaft can be disposed directly above the crankshaft.

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